

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 4292-0048-55		SERIAL NO. 09/027,671	
LIST OF REFERENCES CITED BY APPLICANT <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="text-align: center;">                     0195 JUN 05 2002                 </div> </div>				APPLICANT Douglas SMITH et al			
				FILING DATE February 23, 1998		GROUP 1644	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
Jal	AA	6,326,198	12/04/01	Emerson et al	—	—	
	AB	6,299,650	10/09/01	Van Blitterswijk et al	—	—	
	AC	5,811,094	09/22/98	Caplan et al	—	—	
	AD	5,646,043	07/08/97	Emerson et al	—	—	
	AE	4,135,975	01/23/79	Lichtman et al	—	—	
	AF	4,514,499	04/30/85	Noll	—	—	
	AG	4,861,714	08/29/89	Dean et al	—	—	
	AH	5,032,407	07/16/91	Wagner et al	—	—	
	AI	5,605,822	02/25/97	Emerson et al	—	—	
	AJ	5,670,351	09/23/97	Emerson et al	—	—	
	AK	4,481,946	11/13/84	Altshuler et al	—	—	
	AL	4,714,680	12/22/87	Civin	—	—	
	AM	4,889,812	12/26/89	Guinn et al	—	—	
	AN	5,032,508	07/16/91	Naughton et al	—	—	
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	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
Jal	AO	90/15877A2	12/27/90	WIPO w/Abstract			
	AP	95/06409	03/09/95	WIPO w/Abstract			
	AQ	0 358 506	03/14/90	Europe w/Abstract			
	AR	0 455 482	11/06/91	Europe w/Abstract			
	AS	93/18136	09/16/93	WIPO w/Abstract			
	AT	93/18137	09/16/93	WIPO w/Abstract			
	AU						
AV							
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
Jal	AW	M. W. Glacken et al., "Mammalian cell culture: engineering principles and scale-up", Trends in Biotechnology, Vol. 1, No. 4, 1983, PP. 102-108					
	AX	Steven A. ROSENBERG et al., "In Vitro Growth of Murine T Cells II. Growth of in Vitro Sensitized Cells Cytotoxic for Alloantigens", The Journal of Immunology, Vol. 121, No. 5. November 1978, PP. 1951-1955					
	AY	W. French ANDERSON, "Prospects for Human Gene Therapy", Science, Vol. 26, October 26, 1987, pp. 401-409					
	AZ	T.M. Dexter, "The Message in the medium", Nature, Vol. 309, June 1984, pp 746-747					
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Douglas SMITH et al

FILING DATE

February 23, 1998

GROUP

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<i>sls</i>	BA	5,945,225	08/31/99	Speith-Herfurth et al	-	-	
	BB	5,670,147	09/23/97	Emerson et al	-	-	
	BC	5,199,942	04/06/93	Gillis	-	-	
	BD	4,808,611	02/28/89	Cosman	-	-	
	BE	4,963,489	10/16/90	Naughton et al	-	-	
	BF	5,061,620	10/29/91	Tsukamoto et al	-	-	
	BG	5,922,597	07/13/99	Verfaillie et al	-	-	
	BH	5,399,493	03/21/95	Emerson et al	-	-	
	BI	4,810,643	03/07/89	Souza	-	-	
	BJ	4,965,204	10/23/90	Civin	-	-	
	BK	5,851,832	12/22/98	Weiss et al	-	-	
	BL	5,635,386	06/03/97	Palsson et al	-	-	
	BM	4,486,188	12/04/84	Altshuler et al	-	-	
	BN	4,847,201	07/11/89	Kaswasaki et al	-	-	

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	BU					
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<i>sls</i>	BW	Manfred R. Koller, et al. "Expansion of Primitive Human Hematopoietic Progenitors in a Perfusion Bioreactor System with LL-3, LL-6, and Stem Cell Factor", Biotechnology, Vol. 11, March, 1993, pp. 358-363
	BX	Bernhard O. PALSSON et al, "Expansion of Human Bone Marrow Progenitor Cells in a High Cell Density Continuous Perfusion System", Biotechnology, Vol. 11, March, 1993, pp. 368-372
	BY	Giovanni MIGLIACCIO et al., "In Vitro Differentiation of Human Granulocyte/Macrophage and Erythroid Progenitors: Comparative Analysis of the Influence of Recombinant Human Erythropoietin, G-CSF, GM-CSF, and IL-3 in Serum-Supplemented and Serum-Deprived Cultures", Blood, Vol. 72, No. 1 July 1988, pp. 248-255
	BZ	Ian K. McNiece et al., "Studies on the Myeloid Synergistic Factor From 5637: Comparison with Interleukin-1 Alpha", Blood, Vol. 73, No. 4 (March), 1989, pp. 919-923

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*David A. Saunders*

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<i>dal</i>	CA	5,004,681	04/02/91	Boyse et al	—	—	
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<i>dal</i>	CW	Paul BAINES et al., Exp. Hematol. 16:785-789 (1988)
<i>—</i>	CX	Jan A. NOLTA et al., Human Gene Therapy, 1:267-268 (1990) <i>— see PW duplicate listing</i>
<i>dal</i>	CY	John R. STEPHENSON et al., Proc. Nat. Acad. Sci. U.S.A., Vol. 68, No. 7, pp. 1542-1546, July 1971
<i>↓</i>	CZ	Giovanni MIGLIACCIO et al., Exp. Hematol. 18:1049-1055 (1990)

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*David A. Lawrence*

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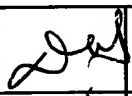

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	DW	Richard M. Schwartz et al., "In Vitro Myelopoiesis Stimulated by Rapid Medium Exchange and Supplementation With Hematopoietic Growth Factors", Blood, Vol 78, No. 12, December 15, 1991, pp. 3155-3161
	DX	Rob E. Ploemacher et al., "Use of Limiting-Dilution Type Long-Term Marrow Cultures in Frequency Analysis of Marrow-Repopulating and Spleen Colony-Forming Hematopoietic Stem Cells in the Mouse", Blood, Vol 78, No. 10 (November 15, 1991, pp. 2527-2533
	DY	Manfred R. Koller et al., "Effects of Synergistic Cytokine Combinations, Low Oxygen, and Irradiated Stroma on the Expansion of Human Cord Blood Progenitors", Blood, Vol 80, No. 2 (July 15, 1992), pp. 403-411
	DZ	J. AIKEN et al., Journal of Pediatric Surgery, Vol. 25, No. 1 (January), 1990; pp. 140-145

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<i>see</i>	EW	C. FAVRE et al., "Interleukin-4 has Basophilic and Eosinophilic Cell Growth-Promoting Activity on Cord Blood Cells", Blood, Vol. 1, January 1, 1990, pp. 67-73
<i> </i>	EX	Yoichi TAKAUE et al., "Limiting-Dilution Analysis of the Effects of Colony-Stimulating Factors, Phytohemagglutinin, and Hydrocortisone on Hematopoietic Progenitor Cell Growth", Blood, Vol. 70, No. 5, November, 1987, pp. 1611-1618
<i> </i>	EY	Yoichi TAKAUE et al., "Effect of Recombinant Human G-CSF, GM-CSF, IL-3, and IL-1 $\alpha$ on the Growth of Purified Human Peripheral Blood Progenitors", Blood, Vol. 76, No. 2, July 15, 1990, pp. 330-335
<i> </i>	EZ	H. J. Sutherland et al., "Alternative Mechanisms With and Without Steel Factor Support Primitive Human Hematopoiesis", Blood, Vol. 81, No. 6., March 15, 1993, pp. 1465-1470

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Douglas SMITH et al

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1644

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<i>gub</i>	FW	Lucia H. Coutinho et al., "Effects of Recombinant Human Granulocyte Colony-Stimulating Factor (CSF), Human Granulocyte Macrophage-CSF, and Gibbon Interleukin-3 on Hematopoiesis in Human Long-Term Bone Marrow Culture", Blood, Vol. 11, June 1, 1990, pp. 2118-2129
<i> </i>	FX	Susan C. GUBA et al., "Bone Marrow Stromal Fibroblasts Secrete Interleukin-6 and Granulocyte-Macrophage Colony-Stimulating Factor in the Absence of Inflammatory Stimulation: Demonstration by Serum-Free Bioassay, Enzyme-Linked Immunosorbent Assay, and Reverse Transcriptase Polymerase Chain Reaction", Blood, Vol. 80, No. 5, September 1, 1992, pp. 1190-1198
<i> </i>	FY	Richard M. SCHWARTZ et al., "Rapid medium perfusion rate significantly increases the productivity and longevity of human bone marrow cultures", Proc. Natl. Acad. Sci. USA, Vol. 88, pp. 6760-6764, August 1991
<i>↓</i>	FZ	David E. HARRISON et al., "Primitive hemopoietic stem cells: direct assay of most productive populations by competitive repopulation with simple binomial, correlation and covariance calculations", Experimental Hematology 21:206-219 (1993)

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APPLICANT

Douglas SMITH et al

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February 23, 1998

GROUP

1644

JUN 05 2002

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<i>GW</i>	GW	D. KRUMWIEH et al., "Preclinical Studies on Synergistic Effects of IL-1, IL-3, G-CSF and GM-CSF in Cynomolgus Monkeys", International Journal of Cell Cloning 8:229-248, Suppl. 1 (1990)
	GX	Makio OGAWA, Ph.D., "Effects of Hemopoietic Growth Factors on Stem Cells in Vitro", Hematology/Oncology Clinics of North America, Vol. 3(3) September 1989, pp. 453-464
	GY	Jerry CALDWELL et al., "Culture Perfusion Schedules Influence the Metabolic Activity and Granulocyte-Macrophage Colony-Stimulating Factor Production Rates of Human Bone Marrow Stromal Cells", Journal of Cellular Physiology, 147:344-353 (1991)
	GZ	C.M. HEYWORTH et al., "The Role of Hemopoietic Growth Factors in Self-Renewal and Differentiation of IL-3-Dependent Multipotential Stem Cells", Growth Factors, 1990, Vol. 2, pp. 197-211

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APPLICANT

Douglas SMITH et al

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February 23, 1998

GROUP

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<i>DS</i>	HW	Shiang HUANG et al., "Formation of haematopoietic Microenvironment and haematopoietic stem cells from single human bone marrow stem cells", Nature, Vol. 360, 24/31 December 1992, pp. 745-749
	HX	Randy A. HOCK et al., "Retrovirus-mediated transfer and expression of drug resistance genes in human haematopoietic progenitor cells", Nature, Vol. 320, March 1986, pp. 275-277
	HX	A.A. FAUSER et al., "Granuloerythropoietic Colonies in Human Bone Marrow, Peripheral Blood, and Cord Blood" Blood, Vol. 52, No. 6, December 1978, pp. 1243-1248
<i>✓</i>	HZ	C.D. MYERS et al., "A Cell Line Secreting Stimulating Factors for CFU-GEMM Culture", Blood, Vol. 64, No. 1 (July) 1984, pp. 152-155

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*Daniel A. Lucander*

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PATENT AND TRADEMARK OFFICE

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09/027,671

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APPLICANT

Douglas SMITH et al

FILING DATE

February 23, 1998

GROUP

1644

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<i>du</i>	IW	Alice M. WANG et al., "Molecular Cloning of the Complementary DNA for Human Tumor Necrosis Factor", Science, Vol. 228, 20 November 1984, pp. 149-154
<i> </i>	IX	Colin A. SIEFF et al., "Human Recombinant Granulocyte-Macrophage Colony-Stimulating Factor: A Multilineage Hematopoietin" Science, Vol. 230, 6 December 1985, pp. 1171-1173
<i> </i>	IY	Robert E. DONAHUTE et al., "Human IL-3 and GM-CSF Act Synergistically in Stimulating Hematopoiesis in Primates", Science, Vol. 241, 30 September 1988, pp. 1820-1823
<i>↓</i>	IZ	Ronald H. SCHWARTZ, "A Cell Culture Model for T Lymphocyte Clonal Anergy", Science, Vol. 248, 15 June 1990, pp. 1349-1356

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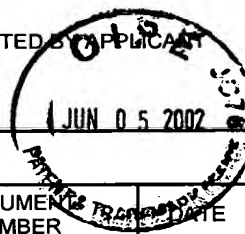
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February 23, 1998

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<i>201</i>	JW	Toshio SUDA et al., "A Stimulatory Effect of Recombinant Murine Interleukin-7 (IL-7) on B-Cell Colony Formation and an Inhibitory Effect of IL-1 $\alpha$ ", Blood, Vol. 74, No. 6, November 1, 1989, pp. 1936-1941
<i>1</i>	JX	Heather J. SUTHERLAND et al., "Characterization and Partial Purification of Human Marrow Cells Capable of Initiating Long-Term Hematopoiesis In Vitro", Blood, Vol. 74, No. 5 (October), 1989; pp. 1563-1570
<i>1</i>	JY	Sem SEELAND et al., "Combined and Sequential Effects of Human IL-3 and GM-CSF on the Proliferation of CD34+ Hematopoietic Cells From Cord Blood", Blood, Vol. 73, No. 5, (April), 1989; pp. 1195-1201
<i>1</i>	JZ	Sallie S. BOGGS, "Targeted Gene Modification for Gene Therapy of Stem Cells", International Journal of Cell Cloning 8:80-96 (1990)

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<i>sub</i>	KW	Cynthia E. DUNBAR et al., "Gene Transfer into Hematopoietic Progenitor and Stem Cells: Progress and Problems", Stem Cells 1994;12:563-576					
	KX	Angelika MUELLER, "Die Knochenmarkstammzellkultur Technische Voraussetzungen und klinische Einsatzmoeglichkeiten", Folia Haematol., Leipzig 116 (1989) 5, 731-743 <i>abstract only</i>					
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ATTY DOCKET NO.

4292-0048-55

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09/027,671

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Examiner

*David A. Saunders*

Date Considered

*10/5/02*

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*David A. Samuels*

Date Considered

*10/8/02*

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*David A. Haendler*

Date Considered

*10/8/02*

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Examiner

*Daniel A. Sauer*

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*10/8/02*

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Douglas SMITH et al

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*David A. Schneider*

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*David A. Saunders*

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Examiner

*David A. Swenders*

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